

WHAT IS CLAIMED IS:

1 1. A method of displaying vital signs for use with a bedside
2 monitor, comprising the steps of:

3 simultaneously displaying parameter values of a plurality
4 of sets of vital signs measured for a plurality of patients
5 respectively; and

6 displaying alarm information in a parameter display area or
7 an alarm display area when vital signs relevant to the parameters
8 are in a state where an alarm is to be generated.

1 2. A method of displaying vital signs for use with a bedside
2 monitor, comprising the steps of:

3 simultaneously displaying parameter values of a plurality
4 of sets of vital signs measured for a plurality of patients
5 respectively;

6 displaying alarm information in a parameter display area when
7 vital signs relevant to the parameters are in a state where an alarm
8 is to be generated; and

9 displaying prioritized alarm information from among alarm
10 information pertaining to parameters of the plurality of vital signs
11 in an alarm display area for each patient.

1 3. A bedside monitor comprising:

2 first display means for simultaneously displaying parameter
3 values of a plurality of sets of vital signs measured for a plurality

4 of patients respectively in a display area and for displaying alarm
5 information within a parameter display area or an alarm display
6 area in the display area when vital signs relevant to the parameters
7 are in a state where an alarm is to be generated;

8 second display means for displaying parameter values of the
9 vital signs and at least a vital sign waveform regarding vital signs
10 of a specified patient among the plurality of patients in the display
11 area; and

12 display changeover means, the display area having the function
13 of a touch panel selectable per each display area for each patient
14 when the display area is displayed by the first display means, for
15 displaying the parameter values of the vital signs and the vital
16 sign waveform of a patient selected as a result of pressing the
17 touch panel by the second display means as the specified patient.

18 4. A bedside monitor comprising:

19 first display means for simultaneously displaying parameter
20 values of a plurality of sets of vital signs measured for a plurality
21 of patients respectively in a display area and for displaying
22 prioritized alarm information from among alarm information
23 pertaining to the plurality of vital sign parameters for each patient
24 in the display area;

25 second display means for displaying parameter values of the
26 vital signs and at least a vital sign waveform regarding vital signs
27 of a specified patient among the plurality of patients in the display

11 area; and
12 display changeover means, the display area having the function
13 of a touch panel selectable per each display area for each patient
14 when the display area is displayed by the first display means, for
15 displaying the parameter values of the vital signs and the vital
16 sign waveform of a patient selected as a result of pressing the
17 touch panel by the second display means as the specified patient.

1 5. A bedside monitor comprising:

2 first display means for simultaneously displaying parameter
3 values of a plurality of sets of vital signs measured for a plurality
4 of patients respectively in a display area, when vital signs relevant
5 to the parameters are in a state where an alarm is to be generated,
6 for displaying alarm information in a parameter display area and
7 for displaying prioritized alarm information from among alarm
8 information pertaining to the plurality of vital sign parameters
9 in an alarm display area for each patient;

10 second display means for displaying parameter values of the
11 vital signs and at least a vital sign waveform regarding vital signs
12 of a specified patient among the plurality of patients and alarm
13 information pertaining to the respective parameters in the display
14 area; and

15 display changeover means, the display area having the function
16 of a touch panel selectable per each display area for each patient
17 when the display area is displayed by the first display means, for

18 displaying the parameter values of the vital signs and the vital
19 sign waveform of a patient selected as a result of pressing the
20 touch panel by the second display means as the specified patient.

1 6. A vital sign display monitor system comprising:

2 a plurality of bedside monitors, each bedside monitors
3 including:

4 first display means for simultaneously displaying parameter
5 values of a plurality of sets of vital signs measured for a plurality
6 of patients respectively in a display area and for displaying alarm
7 information within a parameter display area or an alarm display
8 area in the display area when vital signs relevant to the parameters
9 are in a state where an alarm is to be generated;

10 second display means for displaying parameter values of the
11 vital signs and at least a vital sign waveform regarding vital signs
12 of a specified patient among the plurality of patients in the display
13 area; and

14 display changeover means, the display area having the function
15 of a touch panel selectable per each display area for each patient
16 when the display area is displayed by the first display means, for
17 displaying the parameter values of the vital signs and the vital
18 sign waveform of a patient selected as a result of pressing the
19 touch panel by the second display means as the specified patient,

20 wherein the plurality of bedside monitors are interconnected
21 via a network, thereby enabling display of vital signs of a plurality

22 of patients.

1 7. A vital sign display monitor system comprising:
2 a plurality of bedside monitors, each bedside monitors
3 including:
4 first display means for simultaneously displaying parameter
5 values of a plurality of sets of vital signs measured for a plurality
6 of patients respectively in a display area and for displaying
7 prioritized alarm information from among alarm information
8 pertaining to the plurality of vital sign parameters for each
9 patient in the display area;
10 second display means for displaying parameter values of the
11 vital signs and at least a vital sign waveform regarding vital signs
12 of a specified patient among the plurality of patients in the display
13 area; and
14 display changeover means, the display area having the function
15 of a touch panel selectable per each display area for each patient
16 when the display area displayed by the first display means, for
17 displaying the parameter values of the vital signs and the vital
18 sign waveform of a patient selected as a result of pressing the
19 touch panel by the second display means as the specified patient,
20 wherein the plurality of bedside monitors are interconnected
21 via a network, thereby enabling display of vital signs of a plurality
22 of patients.

1 8. A vital sign display monitor system comprising:
2 a plurality of bedside monitors, each bedside monitors
3 including:
4 first display means for simultaneously displaying parameter
5 values of a plurality of sets of vital signs measured for a plurality
6 of patients respectively in a display area, when vital signs relevant
7 to the parameters are in a state where an alarm is to be generated,
8 for displaying alarm information in a parameter display area and
9 for displaying prioritized alarm information from among alarm
10 information pertaining to the plurality of vital sign parameters
11 in an alarm display area for each patient;
12 second display means for displaying parameter values of the
13 vital signs and at least a vital sign waveform regarding vital
14 signs of a specified patient among the plurality of patients and
15 alarm information pertaining to the respective parameters in the
16 display area; and
17 display changeover means, the display area having the function
18 of a touch panel selectable per each display area for each patient
19 when the display area is displayed by the first display means, for
20 displaying the parameter values of the vital signs and the vital
21 sign waveform of a patient selected as a result of pressing the
22 touch panel by the second display means as the specified patient,
23 wherein the plurality of bedside monitors are interconnected
24 via a network, thereby enabling display of vital signs of a plurality
25 of patients.